ontents	Reference to last Measurement
7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B

498702

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work: Improvements to General public toilets & Septage maintenance in ward No. 10. Est cost: 2.50 Lakhs. / P-code- P-3294. Job code/ Indent No': 010-19-000006/34057. Approved Tender price': Rs 210740.76. Name of Agency: Jyothi Reddy No 81, 'A' Block Kaveri nagar, R.T. Nagar (P) Bangalore - 32. W/O reference: BBMP/EE/BTP/WO/36/19-20 Dt: 03/07/2019.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 01 : Providing & laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following applications: a) Applying & grouting a slurry coat of neat cement using 275 kg/sqm of cement admixed with proprietary water proofing compound confirming to IS: 2645 over the RCC slab after cleaning the surface before the walls up to 300 mm height including rounding off junctions of walls & slabs... etc., complete as per Specifications & EIC of the work. (As per pre-measurement recorded vide pg no 498776 to 498777 of this MB)						

Contents	Reference to last Measurement
7	8
based waterproofing required for treatment following applications' cement curing water proofing slab after cleaning right- including rounding Specifications & EIC de pg no 498776 to	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 498703

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sqm	1 ×	3.10 ×	5.20	=	16.12 Sqm	
	@ Rs 829.00					=	13363.00
	Item No 02: Providing 20mm thick cement plaster in single coat with CM 1:6 to stone masonary & concrete surface including rounding off corners wherever required smooth rendering, Providing & removing Scaffolding, excluding cost of all material, Labours, curing complete as per specifications & EIC of the work						
	Sqm						
	Inside wall Toilet 1	2 ×	2.20	×	2.50 =	11.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2x	2.20	x	2.50 =	11.00	
		2x	1.80	x	2.50 =	9.00	
	Toilet 2	2x	2.20	x	2.50 =	11.00	
		2x	2.20	x	2.50 =	11.00	
		2x	1.80	x	2.50 =	9.00	
						62.00	
	Deductions for door	2x	0.90	x	2.00 =	3.60	
	door	2x	0.75	x	2.00 =	3.00	
						6.60	
				Total qty =		55.40 Sqm.	
	@ Rs. 190.00					= 10526.00	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

tents	Reference to last Measurement
7	8
00	
00	
00	
00	
00	
00	
50	
00	
50	
5·40 Sqm.	
=	10526·00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

498704

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2 unit.	3	4	5	6	7	8
	Item No 03: Providing 18 mm thick cement plaster in single coat- with CM 1:6 to brick masonary including rounding of corners wherever required smooth rendering: providing & removing scaffolding including cost of all materials, labour, curing complete as per specifications.						
	outside	~~2x~~	2·60		×3·25	= 16·90	
	Sqm	~~2x~~	5·00		×3·25	= 32·50	
						49·40	
	Deductions for ventilator	~~2x~~	0·90		×0·45	= 0·81	
		~~2x~~	0·75		×0·45	= 0·68	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2 unit	3	4	5	6	7	8
		2 x	0.45	x	0.41 =	0.41	
						1.81 Sqm	
	Total qty = 49.40 - 1.89 =			47.51	Sqm.		
	@ Rs 181.00					=	8599.00
	Item No 04: Providing & fixing colour glazed tiles of size 300mm x 600mm for walls with border of size 300x100mm, Set in CM 1:3 & pointed with necessary curing, cleaning untidy providing & removing Scaffolding wherever necessary etc. complete as per Specifications & Etc of the work.						
	Sqm						

tents	Reference to last Measurement
7	8
1	
Sqm	
=	8599.00
-tiles of size	
300x100mm,	
g, cleaning untidy	
ssary etc.	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

498705

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Flooring: Toilet-1	1 x	2.20 x	2.20	=	4.84	
	Toilet-2	1 x	2.20 x	2.20	=	4.84.	
						9.68 Sqm	
	@ Rs 1068.00					—	10338.00.
	Item No 05: Providing Skirting, dado, risers & steps with colour glazed tiles on 10mm thick cement plaster 1:3 & jointed with white cement slurry over rough plaster surface etc. complete as per Specification & EIC/ the work						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2 unit	3	4	5	6	7	8
	Toilet 1: Sqm						
		2 ×	2.20 ×	2.1	=	9.24	
		2×	2.20×	2.10	=	9.24	
		1×	1.20×	2.10	=	2.52	
		1×	1.20 ×	2.10	=	2.52	
	Toilet 2	2 ×	2.20×	2.10	=	9.24	
		2×	2.20×	2.10	=	9.24	
		1×	1.20 ×	2.10	=	2.52	
		1×	1.20 ×	2.10	=	2.52	
						47.04 Sqm	
	@ Rs 1362.00					= 64068.00	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore-97

Contents	Reference to last Measurement
7	8
9·24	
9·24	
2·52	
2·52	
9·24	
9·24	
2·52	
2·52	
1·04 Sqm	
=	64068·00

M. A. R. 57 (Rule 116)*
Measurement Book

No. B 498706

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work (unit: Sqm)	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Item No 06: Providing & removing centering, Shuttering, strutting, propping etc. & removal of form & work for mass concrete including cost & all materials etc., complete as per specifications & Engg Ite work. (As per measurement recorded on this MB Pg number 498776 to 498777). Sqm	1	×3·10	×5·50	=	17·05	
		2	× 3·10	× 0·20	=	1·24	
		2	× 5·50	× 0·20	=	2·20	
						20·49 Sqm	
	@ Rs 212·00 =		20·49	×212·00		=	4344·00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 07: Supplying & fixing pressed steel door frames size 125x65 mm manufactured from 1.25 mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings & shutters made out of seasoned Honne wood, styles of 30 mm thick with lock rail of 160 mm etc. complete as per specification & EIC of the work						
	Sqm	2x	0.75	x	2.10 =	3.15	
		2x	0.90	x	2.10 =	3.78	
						6.93 Sqm	
	@ Rs 3213.00					= 22266.00.	

ts	Reference to last Measurement 8
door frames	
thick carbon	
ints of 900	
ional Tonne	
160mm etc.	
5	
8	
13 Sqm	
= 22266.00.	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 498707

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Unit	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No 08: Providing & fixing cold rolled prepainted steel windows of IS standards, made out of 0.6mm thick deep drawing quality galvanised on both sides 120gms/sqm primer coat up to 5 microns with thermosetting epoxy resin & finish painted with a polyester based paint 20 microns thick. etc., complete as per specifications & Etc of the work.							
	Ventilator	Sqm						
			2 x	0.90	x	0.60 =	1.08	
			2 x	0.75	x	0.60 =	0.90	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2 x	0.45 x		0.60 =	0.54	
						2.52 Sqm	
	@ Rs 5157.00					= 12996.00	
	Item No 09: Providing & applying two coats - two coats with oil bound washable distemper of approved brand & Shade on wall surface including priming coat with distemper primer after thoroughly brooming the surface free from mortar drops etc complete as per specifications & EIC of the work.						
	Qty vide Item No: 2					55.40 Sqm	

	Contents	Reference to last Measurement
	7	8
=	0·54	
	2·52 Sqm	
	= 12996·00	
ts	two coats	
pproved	brand &	
coat	with	
ng the	surface	
per	specifications	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 498708

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	@ Rs. 65·00					=	3601·00
	Item No 10: Providing & finishing ext walls in two coats with water proof cement paint of approved brand & shade to give an even shade after thoroughly brooming the surface to remove all dust etc. complete as per specifications & EIC of the work						
	Qty vide item No 03						47·51 Sqm
	@ Rs 64·00					=	3041·00

MEASUREMENT BOOK

Date	Full description, etc, of work	Unit	Dimensions				Contents	Reference to last Measurement
			Number	Length	Breadth	Depth		
1	2		3	4	5	6	7	8
	Item No 11 : Providing & fixing white vitreous china clay, WC indian pan of size 580mm with footrest, 100mm S or P trap 10 liter low level, PVC flushing cistern (all are approved make) with all fittings etc., complete as per Specifications & EIC of the work	NOS	3				3	
	@ Rs 3112.00						=	3661.24
	Item No 12: Providing & fixing white vitreous china clay wash down type, lipped front urinal basin of size 340 x 410 x 265mm							

ontents 7	Reference to last Measurement 8
china clay, WC	
n S or P trap	
ue approved make)	
ation & EIC	
3	
=	3661.24
na clay wall	
x 410 x 265mm	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

498709

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Unit	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	in the range of Two with 7.5 liter PVC automatic flushing cistern etc., complete as per specification & EIC of the work.							
		NOS	3				3	
	@ Rs 3603						=	10809.00
	Item NO 13. Providing & fixing white vitreous china clay, flat back, lipped front urinal basin of 430 x 260 x 350 mm with 5 lit PVC automatic flushing cistern etc., complete as per specification & EIC of the work.							

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	@ Rs 2673.00				=		8019.00
	Item No 14: Providing & fixing white vitreous china clay, flat-back wash basin size 630 x 450 mm with a pair of 15 mm cp brass pillar taps with CI/MS brackets etc complete as per specification & EIC of the work						
		Nos	3			3	
	@ Rs 3569.00					=	10707.00
	Item No 15: Providing & fixing chorinated poly vinyl chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot						

tents	Reference to last Measurement 8
7	
	8019.00
ina clay. flat-	
5mm cp brass	
- specification &	
3	
= 10707.00	
ryl chloride (CPVC)	
stability for hot	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

498710

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Unit	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	and cold water supply including all CPVC plain & brass threaded fitting etc., complete as per specification & EIC of the work.							
		m	1	x 40			= 40	
	@ Rs 129.00						= 5160.00	
	Item No 16: Supplying water storage tanks made of virgin polymer (LLDPE) with two layers outer black or blue & inner white layer of approved quality & make, conforming to ISI/ISO/BSI Specifications.							

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2 unit	3	4	5	6	7	8
	Liter	1	1000			1000	
	@ Rs 5.00					=	5000.00
	Item No 17 ; Providing & fixing in position brass bib cock of approved quality 25mm nominal bore including cost of all materials etc. complete as per Specification & Etc of the work.						
	Nos	5				5	
	@ Rs 163.00					—	815.00
	Item No 18: Providing & fixing Sand cast iron soil waste & Vent pipes 100mm dia with Spun yarn soaked in cement slurry						

Cost of M/2 including Etc of the work.

m

@ Rs 696.00

Certificate: Certified materials were issued

Suvetha. N.K
25/09/2019.

nts	Reference to last Measurement 8
00	
=	5000·00
bib lock of	
y all materials	
5	
—	815·00
soil waste &	
cement slurry	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

498711

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Unit	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Cond CM 1:2 including cost of all materials etc. complete as per Specification & EIC of the work.	m	1	12			12·00	
	@ Rs 646·00						=	7752·00
						Total	=	210740·00

Certificate: Certified that the above work done satisfactorily & no materials were issued from department.

Sweetha. NK
25/09/2019.

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97